CST 361/408 Deep Learning Algorithms	Spring 2022
Tu, Th 2:00pm-3:15pm, AUD 516	**HW 2**

Exercise 1: Ch. 3. ex 2 (1 pts).

Exercise2 (4pts). In lecture 2-1 slides 6-13 we computed weight updates by back propagation on a given training instance. Suppose that for the same ANN (i.e. the one that is given on slide 6 with the weights initialized as on this slide) we are given different training instance $(\vec{x}, y) = \left[\binom{0.82}{0.23}, 0\right]$. What would be the updates in this case? Show your computations (i.e. formulas that you are using and which values you are subbing there)

a.) forward computations (1pt)
b.) backward propagation (3pts – 1 pt. per layer)